

Model No.	SLQM6X1Wxx

## Xeon Power 6W LED Module

### Descriptions:

- Green light source, fast response
- Long life, easy installation
- LED model number: SLQ1Wxx

### Features:

- Available in red, yellow, green, blue, white and warm white
- Super Bright
- Big Emitting Angle
- Superior ESD Protection
- Superior UV Resistance
- Can be equipped with lens: OS-OLSH6620P

### Application:

- Small space lighting
- Mechanical equipment lights

### Product Picture and Dimensions:



Unit: mm

Tolerance:  $\pm 0.3\text{mm}$

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## Device Selection Guide

Module No.	Color	Wavelength (Typ.)		Condition	Overall Luminous Flux (Typ.)
SLQM6X1WR	Red	625 nm		IF=700mA	300 lm
	Bluish Green	505 nm		IF=700mA	450 lm
SLQM6X1WVP	Green	525 nm		IF=700mA	450 lm
SLQM6X1WAZ	Blue	470 nm		IF=700mA	90 lm
SLQM6X1WAM	Yellow	590 nm		IF=700mA	300 lm
SLQM6X1WB	White	X=0.31,Y=0.33	6500K	IF=700mA	600 lm
SLQM6X1WBC	Warm White	X=0.45,Y=0.41	3000K	IF=700mA	540 lm

## Absolute Maximum Ratings(Ta=25°C)

Items	Symbol	Values	Units
Operating supply range(DC)	V <sub>dc</sub> (B, W, G)	12	V
	V <sub>dc</sub> (R, Y)	9	
Input Current (DC)	I <sub>i</sub>	800	mA
Power Dissipation	P <sub>a</sub> (B, W, G)	9.6	W
	P <sub>a</sub> (R, Y)	7.2	
Operating Temperature	T <sub>ope</sub>	-10 ~ +40	DegC
Storage Temperature	T <sub>stg</sub>	-20 ~ +80	DegC

## Typical Performance (Ta=25°C)

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P <sub>m</sub> (B, W, G)	-	7	9.6	w
	P <sub>m</sub> (R, Y)		5.25	7.2	
Input Voltage(DC)	V <sub>i</sub> (B, W, G)	-	10	12	V
	V <sub>i</sub> (R, Y)		7.5	9	
Product Input Current	I <sub>f</sub>	-	700	800	mA
Beam Pattern	BP	-	120	-	Deg
PCB Diameter	L <sub>mod.</sub>	-	60	-	mm
Net Weight	W <sub>ei.</sub>	---	15.5	---	g